

## EAST Search History

| Ref # | Hits | Search Query                                  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| L1    | 2    | 2001/0011260                                  | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/03<br>08:30 |
| L2    | 2    | 2001/0011260                                  | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/03<br>08:30 |
| L3    | 2    | "20010011260"                                 | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/03<br>08:31 |
| S1    | 1    | ("5802256").PN.                               | USPAT; USOCR   | OR               | OFF     | 2006/08/22<br>13:39 |
| S2    | 67   | (Bayesian adj3 network) and (Monte adj Carlo) | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/22<br>18:32 |
| S3    | 43   | S2 and node                                   | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/22<br>13:40 |
| S4    | 42   | S3 and probabilit\$3                          | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/22<br>13:40 |
| S5    | 87   | (Bayesian adj3 network) and (Monte adj Carlo) | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/22<br>18:40 |
| S6    | 64   | S5 and probabilit\$3 and sampI\$3             | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/22<br>18:33 |

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| S7  | 60   | S6 and state   | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/22<br>18:33 |
| S8  | 67   | (Bayesian adj3 network) and (Monte adj Carlo)          | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22<br>18:33 |
| S9  | 43   | S8 and node  | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/22<br>18:33 |
| S10 | 30   | S7 not S9  | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/22<br>18:33 |
| S11 | 2    | ("5758026"  <br>"6102958").PN. OR<br>("6735596").URPN. | US_PGPUB;<br>USPAT; USOCR                                      | OR | OFF | 2006/08/22<br>18:38 |
| S12 | 87   | (Bayesian adj3 network) and (Monte adj2 Carlo)         | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/23<br>10:32 |
| S13 | 55   | S12 and decision                                       | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/22<br>18:40 |
| S14 | 34   | S13 not S10  | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/22<br>18:40 |
| S15 | 1413 | (Bayesian adj2 network)                                | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/23<br>10:32 |
| S16 | 771  | S15 and dependen\$4                                    | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/23<br>10:33 |

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| S17 | 101 | S16 and bayesian.ab.    | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>10:33 |
| S18 | 87  | S17 and node            | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>10:46 |
| S19 | 53  | S16 and fuel            | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>10:46 |
| S20 | 6   | "758891".ap.            | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>11:38 |
| S21 | 0   | S20 and Monte           | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>11:38 |
| S22 | 0   | "5987415".pn. and Monte | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>11:37 |
| S23 | 0   | "6336108".pn. and Monte | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>11:37 |
| S24 | 0   | "6154736".pn. and Monte | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>11:37 |
| S25 | 6   | "776824".ap.            | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>11:38 |
| S26 | 0   | S25 and Monte           | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>12:39 |

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| S27 | 6   | "758891".ap.   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>15:39 |
| S28 | 6   | "776824".ap.   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>13:59 |
| S29 | 0   | (bayesian adj network)<br>and (diagnos\$4) and<br>node and probabilit\$3 | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>15:41 |
| S30 | 225 | (bayesian adj network)<br>and (diagnos\$6) and<br>node and probabilit\$3 | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>15:41 |
| S31 | 187 | S30 and (arc or link)  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>15:41 |
| S32 | 178 | S31 and (influence or<br>caus\$3)  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>15:43 |
| S33 | 80  | S31 and (influence or<br>caus\$3) and fail                               | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>15:43 |
| S34 | 117 | S31 and (influence or<br>caus\$3) and fail\$3                            | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:42 |
| S35 | 75  | (Bayesian adj network)<br>and (Monte adj Carlo)                          | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:49 |
| S36 | 372 | (Bayesian ) and<br>(Monte adj Carlo)                                     | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:52 |

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| S37 | 75    | S35  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:49 |
| S38 | 297   | S36 not S35  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:49 |
| S39 | 191   | S38 and network  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:49 |
| S40 | 83    | S39 and node   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:49 |
| S41 | 11171 | N6 and samp1\$3  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:50 |
| S42 | 78    | S40 and samp1\$3   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:50 |
| S43 | 140   | (Bayesian same<br>network ) and (Monte<br>same Carlo)                                      | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:53 |
| S44 | 65    | S43 not S35  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:57 |
| S45 | 33    | (bayesian adj2<br>network) and graph\$4<br>and matrix and ((3D or<br>3-D) and (2D or 2-D)) | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24<br>10:10 |
| S46 | 239   | (bayesian adj3<br>network).ab.   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:59 |

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| S47 | 86  | S46 and graph\$4   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>17:59 |
| S48 | 20  | S47 and matrix   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>18:02 |
| S49 | 2   | "6574537".pn.  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23<br>18:02 |
| S50 | 36  | (bayesian adj2 network) and graph\$4 and matr\$3 and ((3D or 3-D) and (2D or 2-D)) | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24<br>10:07 |
| S51 | 36  | (bayesian adj2 network) and graph\$4 and matrix and ((3D or 3-D) and (2D or 2-D))  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24<br>10:10 |
| S52 | 0   | S50 not S51  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24<br>10:28 |
| S53 | 170 | "715".CLAS. and bayesian   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24<br>10:28 |
| S54 | 6   | "758891".ap.   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24<br>16:17 |
| S55 | 386 | 703/20   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24<br>16:17 |
| S56 | 0   | S55 and bayesian   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24<br>16:17 |

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| S57 | 20  | ("5099485"   "5159685"   "5337320"   "5448722"   "5528748"   "5544308"   "5655074"   "5737520"   "5808919"   "5922079"   "6035420"   "6205559"   "6237114"   "6430708").PN. OR ("6691249").URPN. | US_PGPUB; USPAT; USOOCR                                   | OR | OFF | 2007/09/17 19:19 |
| S58 | 5   | S57 and bayesian   | US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/17 19:19 |
| S59 | 7   | ("3928830"   "6029258"   "6175934"   "6304982"   "6691249"   "7096387").PN. OR ("7181648").URPN.   | US_PGPUB; USPAT; USOOCR                                   | OR | OFF | 2007/09/17 19:35 |
| S60 | 271 | bayesian same diagnostic   | US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/09/17 19:35 |
| S61 | 155 | S60 and node and probabilit\$3   | US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/09/17 19:35 |
| S62 | 149 | S61 and network  | US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/09/17 19:35 |
| S63 | 13  | ("4866635"   "5133046"   "5493729"   "5522014"   "5537644"   "5604841"   "5696884"   "6012152"   "6076083"   "6456622"   "6529893"   "6535865").PN. OR ("6820072").URPN.                         | US_PGPUB; USPAT; USOOCR                                   | OR | OFF | 2007/09/17 20:07 |

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| S64 | 0      | przytula.in.                                  | US_PGPUB;<br>USPAT; USOOCR;<br>FFPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/17<br>20:08 |
| S65 | 138051 | smith.in.                                     | US_PGPUB;<br>USPAT; USOOCR;<br>FFPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/17<br>20:08 |
| S66 | 0      | przytula.in.                                  | US_PGPUB;<br>USPAT; USOOCR;<br>FFPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/17<br>20:09 |
| S67 | 11     | przytula.in.                                  | US_PGPUB;<br>USPAT; USOOCR;<br>FFPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/17<br>20:09 |
| S68 | 1      | ("6,076,083").PN.                             | USPAT; USOOCR   | OR | OFF | 2007/09/18<br>11:34 |
| S69 | 733    | test\$3 same bayesian<br>same (network model) | US_PGPUB;<br>USPAT; USOOCR;<br>FFPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18<br>15:38 |
| S70 | 510    | S69 and node                                  | US_PGPUB;<br>USPAT; USOOCR;<br>FFPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18<br>15:38 |
| S71 | 472    | S70 and probabilit\$3                         | US_PGPUB;<br>USPAT; USOOCR;<br>FFPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18<br>15:38 |
| S72 | 154    | S71 and diagnostic                            | US_PGPUB;<br>USPAT; USOOCR;<br>FFPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18<br>15:39 |

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| S73 | 20      | S72 and bayesian.ab.  | US_PGPUB;<br>USPAT; USOOCR;<br>FFPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/09/18<br>15:39 |
| S74 | 0       | (RANGE OF<br>LITHOGRAPHIC<br>SIMULATION<br>INTEGRALS TO<br>INCLUDE<br>INTERMEDIATE<br>DISTANCE).ti. | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND | ON  | 2007/09/20<br>15:34 |
| S75 | 1       | ("7010776").PN.   | USPAT; USOOCR   | OR  | OFF | 2007/09/20<br>15:34 |
| S76 | 1610557 | (bayesian network)  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR  | ON  | 2008/07/02<br>16:17 |
| S77 | 4522    | S76 and causal  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR  | ON  | 2008/07/02<br>16:17 |
| S78 | 729     | S77 and inference   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR  | ON  | 2008/07/02<br>16:17 |
| S79 | 0       | S78 and posterior and<br>progagat\$4  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR  | ON  | 2008/07/02<br>16:18 |
| S80 | 59      | S78 and posterior and<br>propagat\$4  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR  | ON  | 2008/07/02<br>16:18 |
| S81 | 0       | S80 and abductive and<br>deductive  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR  | ON  | 2008/07/02<br>16:29 |
| S82 | 1       | S80 and deductive   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR  | ON  | 2008/07/02<br>16:29 |

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| S83 | 0    | "10692697".ap.                   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/02<br>16:34 |
| S84 | 7    | "692697".ap.                     | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/02<br>16:35 |
| S85 | 1    | S84 and evidence with<br>node\$1 | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/02<br>16:35 |
| S86 | 3965 | (bayesian with<br>network)       | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/02<br>17:26 |
| S87 | 269  | S86 and inference and<br>causal  | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/02<br>17:27 |
| S88 | 269  | S87 and causal                   | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/02<br>17:27 |
| S89 | 257  | S88 and probabilit\$3            | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/02<br>17:27 |
| S90 | 83   | S89 and posterior                | US_PGPUB;<br>USPAT; USOOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/02<br>17:27 |

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